

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application.

**COMPLETE LISTING OF THE CLAIMS:**

Claims 1-39 : (Canceled)

Claim 40 : (New) A lighting apparatus, comprising:

a) a plurality of light sources arranged in a linear array in close proximity to each other; and

b) an elongate diffuser for diffusing light from the plurality of light sources so that diffused light is perceived not to be from the plurality of light sources but from a single, substantially continuous source.

Claim 41 : (New) The apparatus according to claim 40, wherein the light sources are arranged in a line.

Claim 42 : (New) The apparatus according to claim 40, comprising at least thirty of the light sources.

Claim 43 : (New) The apparatus according to claim 40, wherein the light sources are all of the same color.

Claim 44 : (New) A lighting apparatus, comprising:

a) a plurality of light emitting diodes (LEDs) arranged in a linear array in close proximity to each other; and

b) an elongate diffuser for diffusing light from the plurality of LEDs so that diffused light is perceived not to be from the plurality of LEDs but from a single, substantially continuous source.

Claim 45 : (New) The apparatus according to claim 44, wherein the LEDs are arranged in a line.

Claim 46 : (New) The apparatus according to claim 44, comprising at least thirty of the LEDs.

Claim 47 : (New) The apparatus according to claim 44, wherein the LEDs are all of the same color.

Claim 48 : (New) A lighting apparatus, comprising:

a) a plurality of light emitting diodes (LEDs) arranged in a line in close proximity to each other; and

b) an elongate diffuser for diffusing light from the plurality of LEDs so that a light output from the diffuser is perceived as substantially homogeneous and non-pixelated.

Claim 49 : (New) The apparatus according to claim 48, wherein the LEDs are all of the same color.

Claim 50 : (New) The apparatus according to claim 48, wherein the LEDs are of at least three different colors.

Claim 51 : (New) An apparatus for providing a colored lighting effect, comprising:

a) a plurality of light sources of a first color, and a plurality of light sources of a second color, the light sources of different colors being in close proximity to each other; and

b) a diffuser for diffusing light from the light sources so that diffused light is perceived as a single color, and so that the diffused light is perceived not to be from the plurality of light sources, but from a single, substantially continuous source.

Claim 52 : (New) The apparatus according to claim 51, wherein light sources of a selected color are selectively operated to control the perceived color of the diffused light.

Claim 53 : (New) The apparatus according to claim 51, wherein intensities of the individual light sources are controlled to vary the color of the diffused light.

Claim 54 : (New) The apparatus according to claim 51, comprising at least thirty of the light sources.

Claim 55 : (New) The apparatus according to claim 51, further comprising control circuitry for controlling the light sources such that the diffused light changes color as the light sources are controlled.

Claim 56 : (New) An apparatus for providing a colored lighting effect, comprising:

a) a plurality of light emitting diodes (LEDs) of a first color, and a plurality of LEDs of a second color, the LEDs of different colors being in close proximity to each other; and

b) a diffuser for diffusing light from the LEDs so that diffused light is perceived as a single color, and so that the diffused light is perceived not to be from the plurality of light sources, but from a single, substantially continuous source.

Claim 57 : (New) The apparatus according to claim 56, wherein LEDs of a selected color are selectively operated to control the perceived color of the diffused light.

Claim 58 : (New) The apparatus according to claim 56, wherein intensities of the individual LEDs are controlled to vary the color of the diffused light.

Claim 59 : (New) The apparatus according to claim 56, comprising at least thirty of the LEDs.

Claim 60 : (New) The apparatus according to claim 56, further comprising control circuitry for controlling the LEDs such that the diffused light changes color as the LEDs are controlled.

Claim 61 : (New) An apparatus for providing a colored lighting effect, comprising:

a) a plurality of light emitting diodes (LEDs) of a first color, and a plurality of LEDs of a second color, the LEDs of different colors being in close proximity to each other;

b) means for controlling the LEDs; and

c) a diffuser for diffusing light from the LEDs so that diffused light is perceived as a single color, and so that the light output from the diffuser is perceived as substantially homogeneous and non-pixelated, said substantially homogeneous and non-pixelated light changing color as the LEDs are controlled.

Claim 62 : (New) The apparatus according to claim 61, comprising at least red, green and blue LEDs.

Claim 63 : (New) The apparatus according to claim 61, further comprising white LEDs.

Claim 64 : (New) The apparatus according to claim 61, wherein the LEDs of a selected color are selectively operated to control the perceived color of the diffused, homogeneous and non-pixellated light.

Claim 65 : (New) The apparatus according to claim 61, further comprising control circuitry for controlling the LEDs such that the diffused, homogeneous and non-pixellated light change color as the LEDs are controlled.